

Substitute Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Attorney Docket	MEWE-005
	First Named Inventor	Stephen Jackson, et al.
	Application Number	
	Filing Date	Herewith
	Group Art Unit	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION								
EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>AK</i>	AA-1	94 17189	08/04/94	WO	<i>—</i>	<i>—</i>		
	AB-1	96 30524 A	10/03/96	WO	<i>—</i>	<i>—</i>		
<i>✓</i>	AC-1	95/10288 A	04/20/95	WO	<i>—</i>	<i>—</i>		

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)		
<i>AK</i>	AD-1	Critchlow, S. E. et al., "Mammalian Double Strand Break repair Protein XRCC4 Interacts With DNA Ligase IV," <i>Current Biology</i> (Aug. 1997) Vol. 7, No. (8):588-598.
	AE-1	Gaken, Joop, et al., "Efficient Retroviral Infection Of Mammalian Cells Is Blocked By Inhibition Of Poly(ADP-Ribose) Polymerase Activity," <i>J. Virol.</i> (1996) Vol. 70, No. (6):3992-4000.
	AF-1	Grawunder, U., et al., "Activity Of DNA Ligase IV Stimulated By Complex Formation With XRCC4 Protein In Mammalian Cells," <i>Nature</i> (July 1997) Vol. 388:492-495.
	AG-1	Hartley, K., et al., "DNA-Dependent Protein Kinase Catalytic Subunit: A Relative Of Phosphatidylinositol 3-Kinase And The Ataxia Telangiectasia Gene Product," <i>Cell</i> (Sept. 1995) Vol. 82, No. (8):849-856.
	AH-1	Hidaka, H. et al., "Methods In Enzymology," Volume 201; Protein Phosphorylation Part B Analysis Of Protein Phosphorylation, Protein Kinase Inhibitors And Protein Phosphatases; Ed. T. Hunter and B.M. Sefton; Chapter 27: "Properties And Use Of H-Series Compounds As Protein Kinase Inhibitors," 1991, Academic Press, San Diego, pp:328-339.
	AI-1	Kaczmarek, Wojciech, et al., "Lupus Autoantigen Ku Protein Binds HIV-1 TAR RNA In Vitro," <i>Biochem Biophys. Res. Commun.</i> (1993) Vol. 196, No. (2):935-42.
	AJ-1	Poltoratsky, V.P., et al., "Human DNA Activated Protein Kinase (DNA-PK) Is Homologous To Phosphatidylinositol Kinase," <i>The Journal Of Immunology</i> (1995) Vol. 155:4529-4533.
<i>✓</i>	AK-1	Salles, B. et al., "Rapid Quantification Of DNA Repair Synthesis In Cell Extracts," <i>Analytical Biochemistry</i> (1993) Vol. 215:304-306.

EXAMINER	<i>Step Jackson</i>	DATE CONSIDERED	<i>1/11/01</i>
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

AL-1	Tomkinson, A.E., et al., "Structure And Function Of Mammalian DNA Ligases," <i>Mutat. Res.</i> (Jan. 1998) Vol. 407, No. (1):1-9.
AM-1	Wei, Y.F., et al., "Molecular Cloning And Expression Of Human cDNAs encoding A Novel DNA Ligase IV And DNA Ligase III, An Enzyme Active In DNA Repair And Recombination," <i>Molecular And Cellular Biology</i> (June 1995) Vol. 15, No. (6):3206-3216.

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EXAMINER	<i>[Signature]</i>	DATE CONSIDERED	1/11/01
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

SUPPLEMENTAL INFORMATION DISCLOSURE CITATION

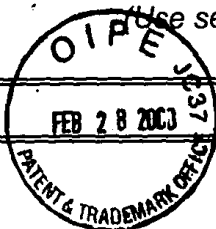
Form PTO-1449 (Modified)

(Use several sheets if necessary)

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09/341,505

APPLICANT

Jackson et al.

FILING DATE
July 12, 1999GROUP
1646

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date of Publication	Country	Class	Subclass	Translation	
							Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AA-1	Grawunder et al. (1998), "DNA Ligase IV Binds to XRCC4 via a Motif Located Between rather Than Within its BRCT Domains," <i>Current Biology</i> , Vol. 8(15):873-873.

EXAMINER <i>Hope Robinson</i>	DATE CONSIDERED <i>1/11/03</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	